ABSTRACT OF THE DISCLOSURE

Data indicating a material, a use step f the material and a use amount of the material which are transmitted from a client terminal through a network are inputted and stored; a chemical substance contained and a content thereof are searched by searching for a database of material components which stores the contained chemical substance and the content thereof corresponding to the material by using the inputted material as a key; the database of a material balance coefficient which stores a ratio in which the chemical substance is discharged and transferred by every separate whereabouts is searched corresponding to the chemical substance and the use step of the material by using the searched chemical substance and the inputted use step of the material as a key; the discharge and transfer amount of the chemical substances by every separate whereabouts is calculated based on the searched discharge and transfer amount, the inputted use amount of the material and the searched content; and the calculated discharge and transfer amount of the chemical substances by every separate whereabouts is transmitted to the client terminal through the network.